

Title (en)
IMAGE DEVICE

Title (de)
BILDVORRICHTUNG

Title (fr)
DISPOSITIF D'IMAGE

Publication
EP 3813364 B1 20240221 (EN)

Application
EP 20202127 A 20201015

Priority
KR 20190130513 A 20191021

Abstract (en)
[origin: EP3813364A1] An image device is provided. The image device includes a pixel array comprising a first pixel array portion of a part of the pixel array and a second pixel array portion of another part of the pixel array that outputs an image; and a color filter array disposed over the pixel array, the color filter array comprising a first color filter pattern on the first pixel array portion and a second color filter pattern on the second pixel array portion, which are comprising a plurality of different color filters in each of the first pixel array portion and the second pixel array portion,, wherein the plurality of the color filters in the first color filter pattern is arranged in an array of $N \times N$ and the plurality of the color filters in the second color filter pattern is arranged in an array of $M \times M$, wherein N and M are a natural number of 2 or more, and the N and M is different each other, and wherein a number of red (R) color filters included in the first color filter pattern is equal to a number of R color filters included in the second color filter pattern.

IPC 8 full level
H04N 25/13 (2023.01)

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